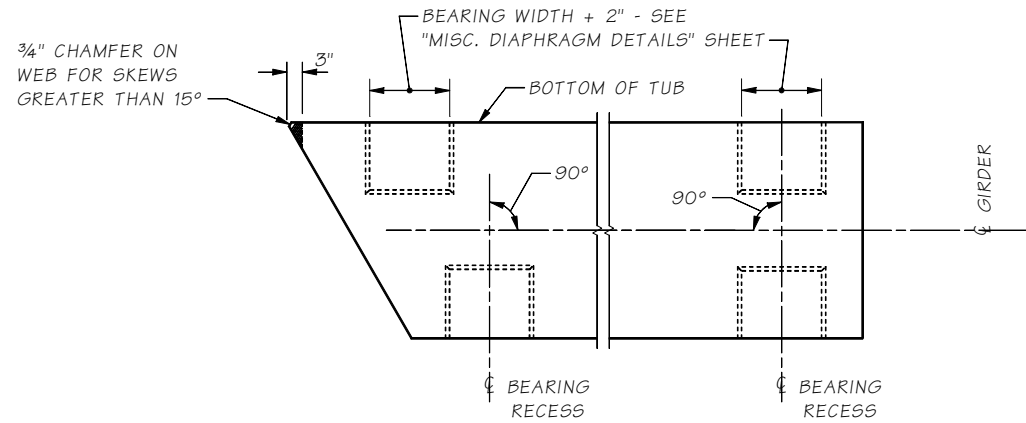
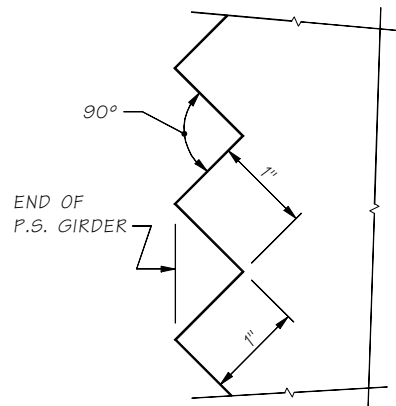


ELEVATION



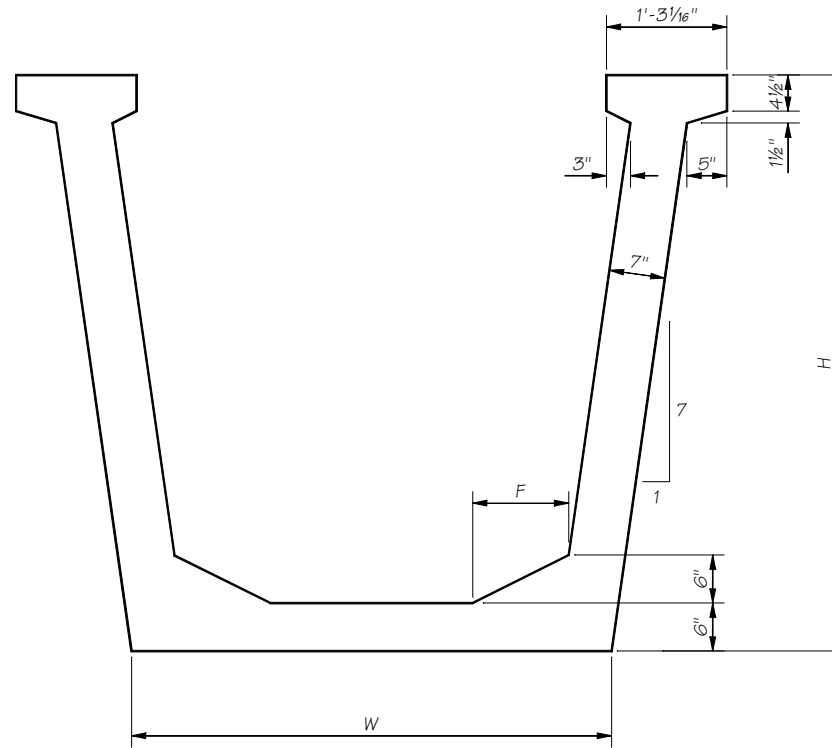
PLAN

BOTTOM OF TUB SPALL PROTECTION

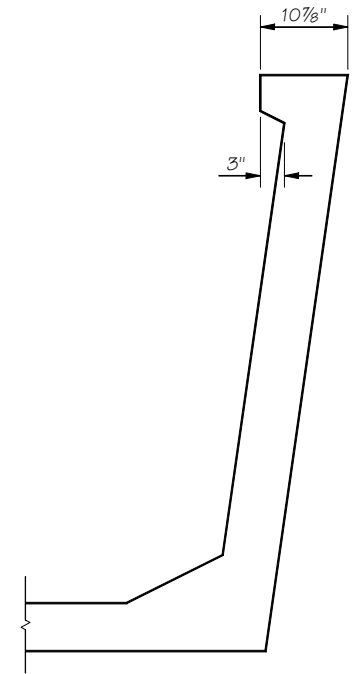


SAWTOOTH DETAILS

SAWTEETH ARE FULL WIDTH. USE SAWTOOTH KEYS FROM BOTTOM OF BOTTOM FLANGE TO BOTTOM OF LOWEST HARPED STRAND AS WELL AS TOP FLANGE ADJACENT TO HARPED STRANDS AS SHOWN ON "TYPICAL END ELEVATION" THIS SHEET.



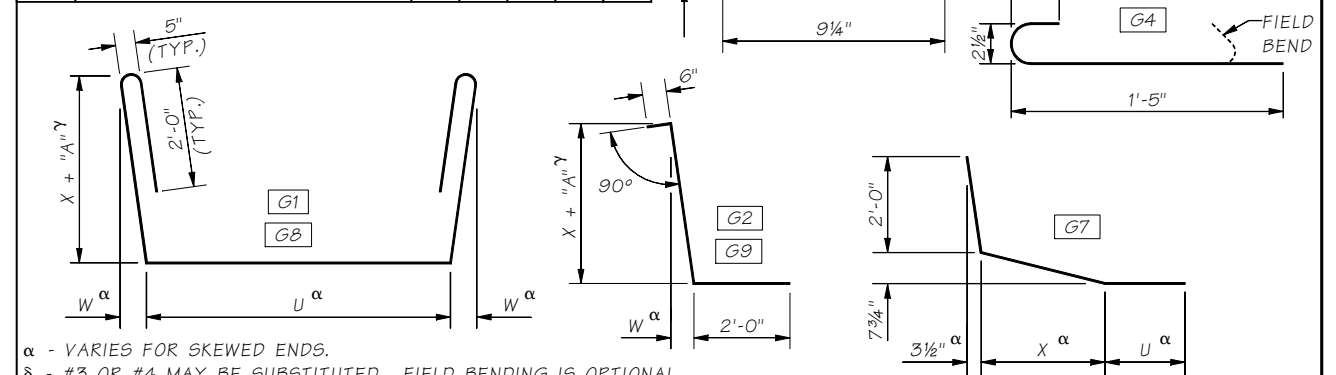
TYPICAL SECTION



TYPICAL SECTION  
EXTERIOR GIRDER

BENDING DIAGRAM

MARK	LOCATION	SIZE	U	W	X	ALL DIMENSIONS ARE OUT TO OUT
G1	STIRRUPS, OUTSIDE WEB	5				NOTE: FOR DIMENSION "A", SEE "GIRDER SCHEDULE"
G2	STIRRUPS, INSIDE WEB	5				
G3	LONGITUDINAL BOTTOM FLANGE	4			STR.	
G4	TOP WEB TIE	4				
G5	LONGITUDINAL WEB	6			STR.	
G6	WEB TIE	W12 <sup>δ</sup>				
G7	TRANSVERSE TIE	5				
G8	STIRRUPS, OUTSIDE WEB	4				
G9	STIRRUPS, INSIDE WEB	4				
G10	LONGITUDINAL TOP FLANGE	4			STR.	



α - VARIES FOR SKEWED ENDS.  
δ - #3 OR #4 MAY BE SUBSTITUTED. FIELD BENDING IS OPTIONAL.  
γ - SHALL BE CHECKED FOR EFFECT OF VERTICAL CURVE.

Bridge Design Engr.	M:\STANDARDS\Girders\Trapezoidal Tubs\SIP TRAPEZOIDAL TUB 2.MAN									
Supervisor					REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS	
Designed By					10	WASH.				
Checked By					JOB NUMBER					
Detailed By										
Bridge Projects Engr.										
Prelim. Plan By										
Architect/Specialist	DATE	REVISION	BY	APPD						

Tue Apr 29 13:44:54 2008

BRIDGE  
AND  
STRUCTURES  
OFFICE



STANDARD  
PRESTRESSED CONCRETE GIRDERS

TRAPEZOIDAL TUB S-I-P DECK  
PANEL GIRDER - DETAILS 2 OF 4

BRIDGE SHEET NO.
SHEET
OF
SHEETS